HANDPIECE COOLANT WATER CONTROL KIT P/N 151973 (FOR ESCORT MODEL S & SW)

DESCRIPTION – THIS KIT WILL CORRECT THE PRODLEM OF LEAKING COOLANT WATER AT THE HANDPIECE AND THE POSSIBLE SPURT OF WATER FROM A HANDPIECE WHEN REMOVED FROM ITS HOLDER. IT CONSISTS OF TWO CHECK VALVES TO BE ADDED AND THE RELOCATION OF ONE CHECK VALVE IN THE WATER CIRCUIT LOCATED IN THE INSTRUMENT HEAD OF THE UNIT.

INSTRUCTIONS

1. REMOVE COVER FROM INSTRUMENT HEAD. (ON MODEL SW UNITS (WHIP STYLE) LOOSEN 6–32 SET SCREW HOLDING TUBING ARMS IN PLACE AND REMOVE TUBING ARMS SO COVER CAN BE COMPLETELY REMOVED.)

2. LOCATED AIR OPERATED HANDPIECE WATER CONTROL VALVE AND THE WATER OUTLET PORT OF THE VALVE. (REFER TO ATTACHED DIAGRAM)

3. REMOVE THE CHECK VALVE LOCATED IN THE 1/8 DIA. BLUE TUBE CONNECTED TO THE OUTLET PORT OF THE WATER VALVE AND RE–CONNECT THE BLUE TUBE DIRECTLY TO THE OUTLET OF THE WATER VALVE.

4. YOU SHOULD HAVE 3 CHECK VALVES (TWO SUPPLIED WITH THIS KIT PLUS THE ONE YOU JUST REMOVED).

ON MODEL S ESCORTS (OVER PATIENT HANGING TUBING STYLE) INSTALL A CHECK VALVE IN WATER LINE BETWEEN BLUE TUBE FROM FLOW ADJUSTMENT ON KINK VALVE AND HANDPIECE TUBING WATER LINE. BE SURE TO ORIENT ARROW INDICIATING FLOW TOWARD HANDPIECE AS SHOWN IN ATTACHED DIAGRAM.

ON MODEL SW ESCORTS (WHIP STYLE) REMOVE TUBING ARM SPRINGS AND LOOSEN SCREW HOLDING KINK VALVE MECHANISM IN PLACE TO GAIN ACCESS TO HANDPIECE TUBING CONNECTIONS. DISCONNECT HANDPIECE WATER TUBING FROM KINK VALVE FITTING. CONNECT CHECK VALVE TO WATER FITTING ON KINK VALVE USING 3/4 INCHLONG PIECE OF 1/8 BLUE TUBING SUPPLIED. BE SURE TO ORIENT ARROW INDICATING DIRECTION OF FLOW TOWARDS HANDPIECE. CONNECT WATER TUBE OF HANDPIECE TUBING TO THE OTHER SIDE OF CHECK VALVE. IT WILL BE NECESSARY TO SEPERATE AND TRIM HANDPIECE WATER TUBE TO OBTAIN A NEAT CONNECTION WHICH DOES NOT RESTRICT KINK VALVE TUBING MOVEMENT.

5. THERE SHOULD BE A CHECK VALVE CONNECTED TO THE WATER TUBE OF EACH HANDPIECE TUBING AS SHOWN IN ATTACHED DIAGRAM.

BE SURE TUBING ROUTING DOES NOT RESTRICT KINK VALVE OPERATION.

BE SURE TO PURGE ANY AIR IN WATER LINES BY OPERATING HENDPIECE WATER AND HANDPIECE FLUSH VALVE ALTERNATELY FOR EACH HANDPIECE.

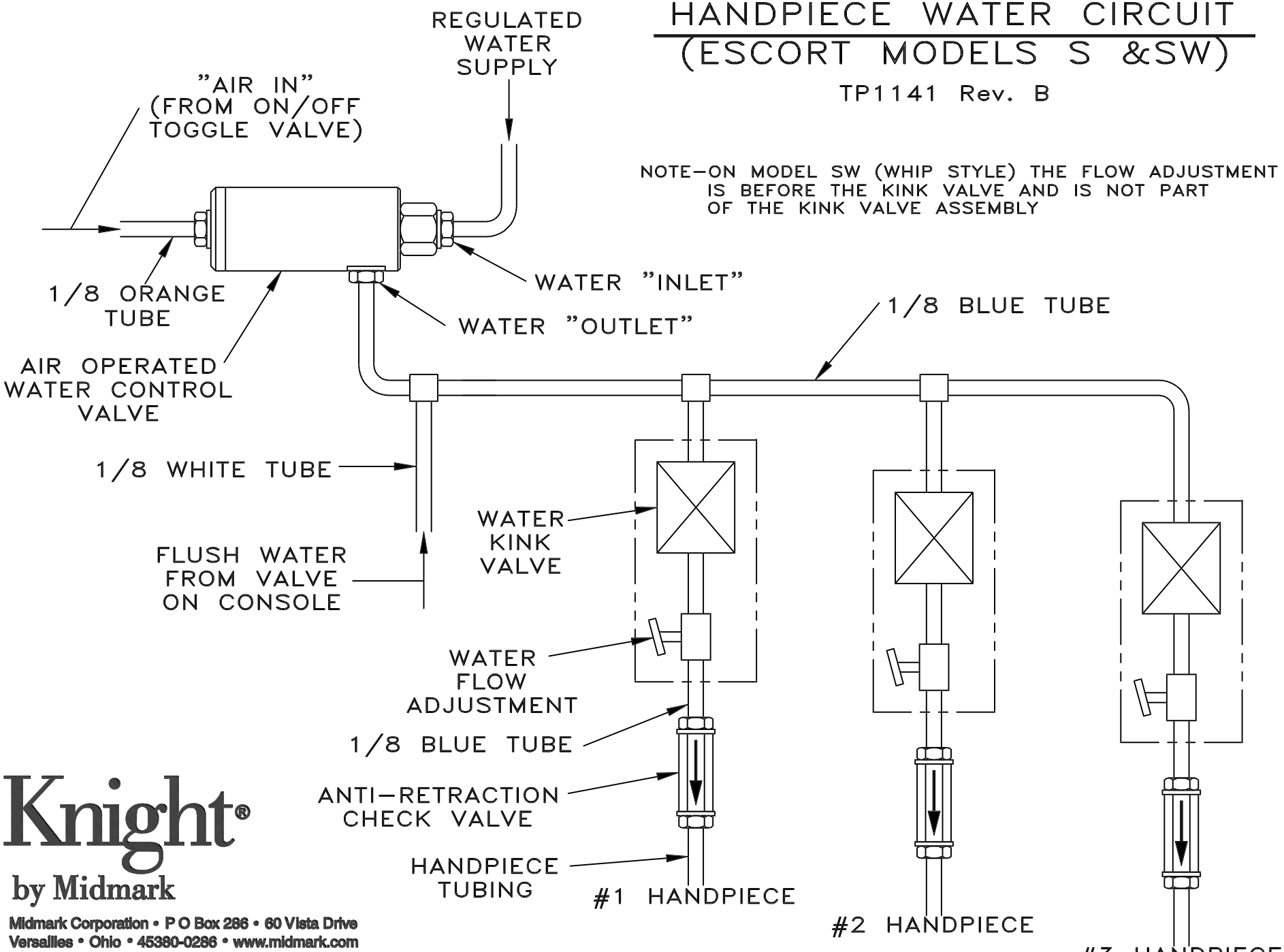
FOR ADDITIONAL ASSISTANCE CONTACT KNIGHT MFG. (704) 254–1919

TP1141 Rev. B (10/99)

HANDPIECE WATER CIRCUIT
(ESCORT MODELS S &SW)

TP1141 Rev. B

NOTE—ON MODEL SW (WHIP STYLE) THE FLOW ADJUSTMENT IS BEFORE THE KINK VALVE AND IS NOT PART OF THE KINK VALVE ASSEMBLY



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